

CONCEPTUALIZATION OF JOB CANDIDATE INFORMATION

ABSTRACT

5 A variety of technologies are applied to conceptualization of job candidate
information. For example, concepts can be extracted from a job candidate's resume via
an ontology. Concepts can be arranged hierarchically within the ontology, and parent
concepts can be extracted. Concepts relating to job skills, job title, management, and the
like can be extracted. A set of concepts can be represented as a point in n -dimensional
concept space. Thus, candidates and desired candidate criteria can be represented in the
10 concept space. Those candidates closest to the desired candidate criteria in the concept
space can be designated as matches for the desired candidate criteria.